



**NOTES:**

- FOR USE WITH BOEING BMS13-65 OG & ADAMS RUSSELL FC20Z CABLE.
- FOR CABLING INSTRUCTIONS SEE 3-546-1.
- FOR CRIMPING USE DIE KTH-2216.
- INTERFACE PER MIL-STD-348, FIG. 313-1.
- CENTER CONTACT (1-504-46MA9) SUPPLIED UNASSEMBLED.
- MARK PACKAGE: HS5938-2  
126-71-7 (DATE CODE)
- MATERIALS:**  
INSULATORS: TEFLON, ASTM D1710  
GASKET: SIL. RUB., A-A-59588  
C-RING: PHOS. BRONZE, ASTM B103  
K-GRIP SLEEVE: COM. BRONZE, ASTM B135  
OUTER CONTACT, CENTER CONTACT F: BER. COP., ASTM B196  
ALL OTHER METAL PARTS: BRASS, ASTM B16
- FINISHES:**  
CENTER CONTACTS: .000050 MIN GOLD PLATE PER ASTM B488 OVER .000050 MIN NICKEL PER AMS-QQ-N-290 (RoHS)  
OUTER CONTACT: .000200 MIN SILVER PLATE PER ASTM B700 OVER .000020 MIN COPPER PER ASTM B734 (RoHS)  
ALL OTHER METAL PARTS: .000050 MIN NICKEL PER AMS-QQ-N-290 OVER .000050 MIN COPPER PER ASTM B734 (RoHS)
- ELECTRICAL CHARACTERISTICS:**  
NOMINAL IMPEDANCE: 50 OHMS  
WORKING VOLTAGE: 500 VRMS  
FREQUENCY RANGE: DC TO 11 GHz  
VSWR: 1.30 MAX. .5 TO 11 GHz.  
INSERTION LOSS: .21 dB MAX. AT 9 GHz
- WEIGHT: 37.0 GRAMS

126-71-7

**REVISIONS**

ISSUE	CHANGES
0	ER 37069 AR 07/18/96
1	CN 38472 E TML 01/21/02
2	CN 39581 A JPK 08/17/06
3	CN 40088 E PMC 10/05/07
E	REVISED PER ER25008 CGR 06/15/10
F	REVISED PER DMF304 & ER39951 TZ 02/02/12

**CUSTOMER SALES DRAWING**

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SCALE 4:1

APPROX SURFACE AREA

CAGE CODE: 91836

REF: BOEING

PLUG, SC (KEYED)

DRAWN	AR	DATE	07/18/96
DESIGN	AR	DATE	07/18/96
APPR.		DATE	

**KINGS**  
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